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PTO/SB/05 (4/98)

Approved for use through 09/30/2008. OMB 0651-0032
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 501.39952X00

First Inventor or Application Identifier: Tatsuya SUZUKI

Title: See 1 in Addendum

Express Mail Label No. 

PTD
1008
664446
04/27/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 67]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 33]
4. Oath or Declaration [Total Pages]

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)

- i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(c)(2) and 1.33(b).

[NOTE FOR ITEMS 1-15 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).]

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP) of prior application No. _____ / _____

Prior application information: Examiner _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label /

020457

or Correspondence address below

Name _____

Address _____

City _____

State _____

Zip Code _____

Country _____

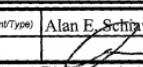
Telephone _____

Fax _____

Name (Print/Type) Alan E. Schiavelli

Registration No. (Attorney/Agent)

32,087

Signature 

Date 04-27-01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.

Small Entity payments **must** be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 790.00)

Complete if Known

Application Number	
Filing Date	April 27, 2001
First Named Inventor	Tatsuya SUZUKI
Examiner Name	
Group / Art Unit	
Attorney Docket No.	501.39952X00

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:Deposit Account Number **01-2135**Deposit Account Name **Antonelli, Terry, Stout & Kraus, LLP** Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.172. Payment Enclosed: Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)		
101	690	201	345	345	Utility filing fee	710.00
105	310	206	155	155	Design filing fee	
107	480	207	240	240	Plant filing fee	
108	690	208	345	345	Reissue filing fee	
114	150	214	75	75	Provisional filing fee	

SUBTOTAL (1) (\$ 710.00)

2. EXTRA CLAIM FEES

Extra Claims	Fee from below	Fee Paid
Code (\$)	Code (\$)	
14	-20* = 0	X 18 = 0
Independent 4	- 3** = 1	X 180 = 180
Claims		
Multiple Dependent		= 0

*or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee	Fee	Fee	Fee Description	Fee Paid	
Code (\$)	Code (\$)	Code (\$)			
103	18	203	9	Claims in excess of 20	
102	78	202	39	Independent claims in excess of 3	
104	260	204	130	Multiple dependent claim, if not paid	
109	78	209	39	** Reserve independent claims over original patent	
110	18	210	9	Reserve claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 80.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

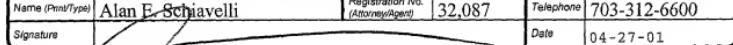
Large Entity	Small Entity	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)	Code (\$)	Code (\$)		
105	130	205	25	Surcharge - late filing fee or oath	0.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	0.00
139	130	139	130	Non-English specification	0.00
147	2,520	147	2,520	For filing a request for reexamination	0.00
112	920*	112	920	Requesting publication of SIR prior to Examiner action	0.00
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	0.00
115	110	215	55	Extension for reply within first month	0.00
116	380	216	19	Extension for reply within second month	0.00
117	870	217	435	Extension for reply within third month	0.00
118	1,360	218	680	Extension for reply within fourth month	0.00
128	1,850	228	925	Extension for reply within fifth month	0.00
119	300	219	150	Notice of Appeal	0.00
120	300	220	680	Filing a brief in support of an appeal	0.00
121	260	221	130	Request for oral hearing	0.00
138	1,510	138	1,510	Petition to institute a public use proceeding	0.00
140	110	240	55	Petition to revive - unavoidable	0.00
141	1,210	241	605	Petition to revive - unintentional	0.00
142	1,210	242	605	Utility issue fee (or reissue)	0.00
143	430	243	215	Design issue fee	0.00
144	580	244	290	Plant issue fee	0.00
122	130	122	130	Petitions to the Commissioner	0.00
123	50	123	50	Petitions related to provisional applications	0.00
124	240	125	240	Submission of Information Disclosure Stmt	0.00
581	40	581	40	Recording each patent assignment per property (times number of properties)	0.00
146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))	0.00

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) (\$ 0.00)

Complete if applicable

Name (Print/Type)	Alan E. Schiavelli	Registration No. (Attorney/Agent)	32,087	Telephone	703-312-6600
Signature					
Date	04-27-01				

WARNING:

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Attachment to PTO/SB/05 (4/98) Utility Patent Application
Transmittal

1. INTER-FIRM TRANSACTION METHOD AND INTER-FIRM TRANSACTION
MEDIATION

100-022450
052450
052450